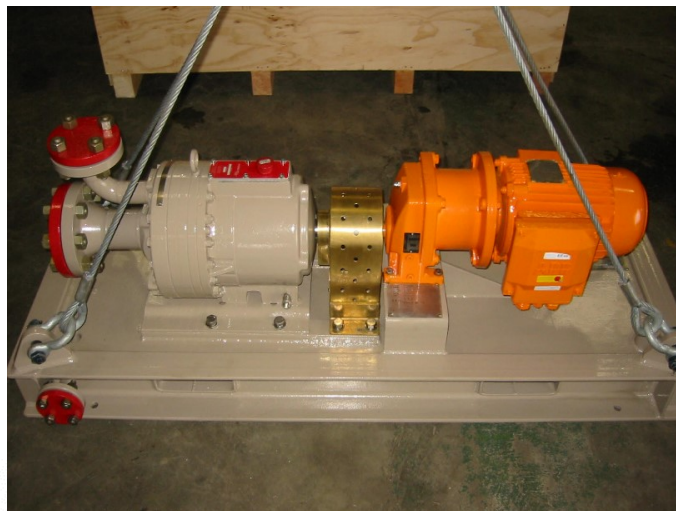


Application story



Closed Drain & LP Flare Pump

Location UK (Scotland) (Installation: 2007)

Hydra-Cell model G35XKRGHFEHH

Type of application Closed Drain & LP Flare Pump

Flow rate 3.6 m³/hr

Liquid Water
Hydrocarbons

Pressure 30 bar (435 psi)

Application details The Closed Drain System (CD) consists of a permanent pipe work connection and collection header for routing drained liquids to a vented closed drain drum. It handles hazardous fluids from process vessels, keeping them out of contact with the atmosphere and to stop emissions.

API 674 Triplex Plunger Pumps were previously installed with problems with dynamic seals. Also a traditional API 675 single diaphragm process pump – a larger size that required pulsation damper.

Advantages of Hydra-Cell pump on this application

Hydra-Cell was chosen because of the following benefits:

- Multi diaphragm pump head - Virtually pulse less flow, no need for pulsation dampers.
- No dynamic seals - Can pump non lubricating materials reliably.
- No dynamic seals - Can run dry indefinitely without damage.
- No dynamic seals - No seal maintenance.
- No dynamic seals - Can pump liquids with particles and corrosive liquids.

www.hydra-cell.co.uk

Wanner Engineering -
World Headquarters & Manufacturing
Minneapolis USA
t: (612) 332-5681
e: sales@wannereng.com

Wanner International
Hampshire UK
t: +44 (0) 1252 816847
e: sales@wannerint.com

Wanner Pumps
Shanghai CHINA
t: +86-21-6876 3700
e: sales@wannerpumps.com

Wanner Pumps
Kowloon HONG KONG
t: +852 3428 6534
e: sales@wannerpumps.com